

Detailed program

Wednesday, July 2

Sections	Metaprogramming
9:00	Norbert Pataki: <i>A Comparative Study of C++ Standard Template Library's Formal Specification</i>
9:25	Áron Sisak: <i>Verification of UML 2 State Machines by Automated Model Transformation to the SAL Model Checker</i>
9:50	Gergely Dévai: <i>Metaprogramming on the Proof Level</i>
10:15	Break
10:30	Plenary talk Tamás Horváth: <i>Mining Chemical Graphs</i>
11:20	Break
Sections	Testing
11:40	Zalán Szűgyi: <i>Necessary Test Cases for Decision Coverage and Modified Condition / Decision Coverage</i>
12:05	Ferenc Bozóki: <i>Test Component Assignment and Scheduling in a Load Testing Environment</i>
12:30	Lunch at the Gödör restaurant
Sections	Operation Research
14:00	László Pál: <i>Matlab Version of the GLOBAL Optimization Method</i>
14:25	Levente Hunyadi: <i>An Identification Approach to Dynamic Errors-in-variables Systems with a Preliminary Clustering of Observations</i>
14:50	Attila Pásztor: <i>Research of Swarm Intelligence Simulation with the Help of NXT Robots</i>
15:15	Break
Sections	Artificial Intelligence
15:30	Emese Szádecky-Kardoss: <i>Designing a Tracking Controller for Passenger Cars with Steering Input</i>
15:55	Kristóf Csorba: <i>Searching for Similar Documents Between Mobile Devices</i>
16:20	Csaba Főző: <i>3-level Confidence Voting Strategy for Dynamic Fusion-Selection of Classifier Ensembles</i>
16:45	Free program
18:00	Dinner at the Gödör restaurant

Thursday, July 3

Sections	Image Processing
9:00	László Csernetics: <i>Backprojection Reconstruction Algorithm Using Order Statistic Filters in Breast Tomosynthesis</i>
9:25	Mihály Gara: <i>Determination of Geometric Features of Binary Images from Their Projections by Using Decision Trees</i>
9:50	Balázs Erdőhelyi: <i>Bone Fragment Repositioning Using Registration Methods</i>
10:15	Break
10:30	Plenary talk Márk Jelasity: <i>Gossip Algorithms in Peer-to-peer Computing</i>
11:20	Break
Sections	Clouds, Fuzzy Sets
11:40	Martin Fuchs: <i>Potential Clouds in Robust Design</i>
12:05	József Dániel Dombi: <i>Function Approximation with Fuzzy Operators</i>
12:30	Lunch at the Gödör restaurant
Sections	Graph Theory, Algorithms
14:00	Thorsten Bonato: <i>Lifting and Separation Procedures for the Cut Polytope</i>
14:25	Jan-Hendrik Prinz: <i>Enhanced Phasespace Sampling of Biomolecular Systems Using Metastability</i>
14:50	András Csernenszky: <i>The Chooser-Picker 7-in-a-row-game</i>
15:15	Csaba Legány: <i>Modeling Web Service Interaction Using Markovian Processes</i>
15:40	Break
Sections	Branch and Bound Technique
15:55	László Pál: <i>A Global Optimization Algorithm for INTLAB</i>
16:20	Anett Rácz: <i>Determining Initial Bound by "Ray-method" in Branch and Bound Procedure</i>
16:45	Free program
18:00	Reception at the conference place

Sections	Program Analysis
9:00	Judit Jász: <i>Efficient Static Impact Analysis</i>
9:25	Tamás Nagy: <i>Call Graph and Data Flow analysis of Dynamic Functional Language</i>
9:50	Ferenc Fischer: <i>Calculation and Application of the Dynamic Function Level Dependencies in Java Programs</i>
10:15	Break
10:30	Plenary talk Zora Konjovic: <i>Geo-space Management Based on Information and Communication Technologies</i>
11:20	Break
Sections	Distributed Solutions
11:40	Máté Tejfel: <i>Verified Mobile Code Repository in the Intelligent Space</i>
12:05	József Marton: <i>In-memory Preprocessing of Streaming Sensory Data: a Partitioned Relational Database Approach</i>
12:30	Lunch at the Gödör restaurant
Sections	Recognition, Skeletonization Algorithms
14:00	Levente Sajó: <i>Enhancing Facial Features Detection with Deformable Face Templates</i>
14:25	Zsolt T. Kardkovács: <i>High Precision Pedestrian Recognition in Low Resolution Images</i>
14:50	Péter Kardos: <i>An Order-Independent Sequential Thinning Algorithm</i>
15:15	György Kovács: <i>Skeletonization Based on Neighborhood Sequences</i>
15:40	Free program
16:00	Social program: Visit the Informatic Collection and dinner at the Fehértó Fishermen's Tavern

Sections	Allocation Problems
9:00	László Illyés: <i>A Special Human Resource Allocation Problem</i>
9:25	Tamás Németh: <i>Parameter Learning Algorithms in Online Scheduling</i>
9:50	Attila Kertész: <i>Adaptive Scheduling Solution for Grid Meta-brokering</i>
10:15	Break
10:30	Plenary talk Gábor Ivanyos: <i>The Hidden Subgroup Problem in Quantum Computing</i>
11:20	Break
Sections	Theoretical Computer Science
11:40	Izabella Stuhl: <i>Steiner Loops</i>
12:05	Ville Piirainen: <i>Principal Varieties of Finite Congruences</i>
12:30	Lunch at the Gödör restaurant
Sections	Program Analysis and Evaluation
14:00	Gabriella Tóth: <i>Analysis of Size Differences Between Static and Dynamic Slices</i>
14:25	István Siket: <i>Evaluating the Effectiveness of Object Oriented Metrics for Bug Prediction</i>
14:50	Lajos Jenő Fülöp: <i>Introducing a Benchmark for Evaluating Reverse Engineering Tools</i>
15:15	Closing